

### **ABSTRACT**

A liquid fuel oil warming device is provided. The device with safety, efficiency increasing, and fuel saving, the main structure thereof comprises a fuel oil conversion cylinder, a vapor transportation pipe, and a warming burner, in which the fuel oil conversion cylinder contains a fuel oil body therein, and provide a fuel oil filling port used for adding fuel oil, a constant-temperature means, and a fanning means used for feeding air into the fuel oil conversion cylinder beneficial for generating oil vapor containing fuel oil and then for outputting the oil vapor from the fuel oil conversion cylinder. One end of the vapor transportation pipe is connected to the fuel oil conversion cylinder for delivering fuel vapor. A warming burner is connected to the other end of the vapor transportation pipe, and used for igniting oil vapor to warm, further cooperating with appropriate fuel oil and the low-pressure fanning means in order to obtain the effect of fuel saving, efficiency increasing, and safety .